

Listing of Claims:

1. (Currently amended) An external programming device(10) for an implant(100) such as a cardiac pacemaker, defibrillator or the like,

comprising a transmitting and receiving unit(102, 104) for receiving data on the part of the implant (100), from the implant, and transmitting data to the implant(100), and

a display(72) with a display control unit(106) which are adapted to display representations of transmitted and/or received data and are connected to the transmitting and receiving unit(102, 104), and

a power supply unit,

characterized in that

the external programming device(10) is made up in a modular fashion from at least one autonomous hand device(14) and at least one base device(12) in such a way that

the hand device(14) includes the transmitting and receiving unit(102, 104) and as well as the display(72) and the display control unit(106) and a mains-independent chargeable power supply(122) and a power supply interface and a data interface(116), and

the base device(12) includes a second power supply interface compatible with the power supply interface of the hand device(14) and a second data interface(132) compatible with the data interface(116) of the hand device(14),

in such a way that the hand device(14) can be selectively electrically and mechanically coupled to the base device(12) or separated from the base device(12) and used autonomously, wherein the chargeable power supply(122) of the hand device(14) is to be charged up by way of the power supply interface by the base device(12) when the hand device(14) is coupled to the base device(12).

2. (Currently amended) A programming device(10) as set forth in claim ~~1~~ characterized ~~in that~~1, wherein the hand device(14) has a data memory(112) which is connected on the one hand to the transmitting and receiving unit(102, 104) and is adapted for autonomous storage of data transmitted from the implant(100) or to the implant(100) and which on the other hand is connected to the data interface(116) of the hand device(14) in such a way that data are to be at least unidirectionally transmitted from the data memory(112) by way of the data interfaces(116, 132) to the base device when the hand device(14) is coupled to the base device(12).

3. (Currently amended) A programming device(10) as set forth in claim ~~2~~ characterized ~~in that~~2, wherein the base device(12) has a printer interface(134) or a printer(120) for printing out representations corresponding to the data in the data memory(112) of the hand device(14).

4. (Currently amended) A programming device(10) as set forth in claim ~~3~~ characterized ~~in that~~3, wherein the hand device(14) includes a control unit(108) which is connected and adapted to detect a coupled condition of the hand device(14) and in response to detection of the coupled condition to produce a communication between the transmitting and receiving unit(102, 104) of the hand device(14) and the printer interface(134) of the base device(12) in such a way that data received on the part of the implant(100) from the transmitting and receiving unit(102, 104) can be represented in real time by way of the printer(120) or the printer interface(134).

5. (Currently amended) A programming device(10) as set forth in claim ~~1~~ characterized ~~in that~~1, wherein the hand device(14) and the base device(12) each have a respective data transmitting and receiving unit(102, 104) for wireless data exchange between the hand device(14) and the base device(12).

6. (Currently amended) A hand device(14) for a programming device(10) as set forth in ~~one of claims 1 through 5~~ characterized ~~in that~~claim 1, wherein the display(72) is formed by a touch-sensitive display screen (touch screen).

7. (Currently amended) A hand device (~~14~~)for a programming device as set forth in claim ~~6~~ characterized ~~in that~~ wherein the hand device (14) is adapted to make a latching mechanical

connection to the base device (12) and includes a release button for releasing the latching mechanical connection.

8. (Currently amended) A hand device(14) as set forth in claim 6 ~~characterized in that~~ wherein the hand device (14) has a shock triggering button (138) which is connected to and co-operates with a control unit (108) of the hand device (14) and the transmitting and receiving unit (102, 104) in such a way that the discharge of a shock by the implant (100) is to be triggered by way of the triggering button.

9. (Currently amended) A hand device(14) as set forth in claim 6 ~~characterized by further~~ comprising a programming head(62) which is releasably connected to the hand device(14) by way of a flexible electrical feed line(60) and as part of the transmitting and receiving unit(102, 104) of the hand device(14) permits a telemetric communication between the implant(100) and the hand device(14) by applying the programming head (62) to the body of the patient.

10. (Currently amended) A base device (12) for a programming device (10) as set forth in ~~one of claims claim 1 through 5~~ characterized by comprising a main body (26) and a mounting tilting member (22) pivotably connected to the main body (26) for mounting the hand device (14) and adjustment of the angle of inclination of the display of the hand device (14) when the hand device (14) is in the a coupled condition.

11. (Currently amended) A base device (12)for a programming device as set forth in claim 10 ~~characterized in that the~~ wherein the mounting tilting member has plug connections for ~~the a~~ a data interface (22) and ~~the a~~ a power supply interface.

12. (Currently amended) A base device (12)for a programming device as set forth in claim 10 characterized in that the main body of the base device(12) includes a printer(48).

13. (New) A base device for a programming device as set forth in claim 5 comprising a main body and a mounting tilting member pivotably connected to the main body for mounting

the hand device and adjustment of the angle of inclination of the display of the hand device when the hand device is in a coupled condition.

14. (New) A base device for a programming device as set forth in claim 13 wherein the mounting tilting member has plug connections for a data interface and a power supply interface.

15. (New) A base device for a programming device as set forth in claim 13 wherein the main body of the base device includes a printer.

Please replace the Abstract with the following replacement Abstract:

The invention concerns an external programming device for an implant comprising a transmitting and receiving unit for transmitting and receiving data on the part of the implant, and transmitting data to and from the implant, and a display with a display control unit which are connected to the transmitting and receiving unit. The ~~external programming~~ device is made up in a modular fashion from at least one autonomous hand device and at least one base device ~~in such a way that the device~~. The hand device includes the transmitting and receiving unit ~~and as well as a unit~~, the display and the display control unit ~~and a unit~~, a mains-independent chargeable power supply ~~and a supply~~, a power supply interface and a data interface. The base device includes a second power supply interface compatible with the power supply interface of the hand device and a second data interface compatible with the data interface of the hand device, ~~in such a way that the device~~. The hand device can be selectively electrically and mechanically coupled to the base device or separated from the base device and used autonomously.